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GLAXOSMITHKLINE EDWARD R. GIMMI P.O. BOX 1539 KING OF PRUSSIA, PA 19406-0939

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DOC DATE: 02/18/2002

ASSIGNOR:

DENAMUR, FRANCOISE

DOC DATE: 02/11/2002

ASSIGNOR:

KNOTT, ISABELLE

DOC DATE: 02/11/2002

ASSIGNOR:

POLISZCZAK, ANNICK

DOC DATE: 02/11/2002

ASSIGNOR:

THIRY, GEORGES

DOC DATE: 03/25/2002

ASSIGNOR:

VANDE VELDE, VINCENT

DOC DATE: 02/12/2002 S0:|| ₩ 88 88 2002

ASSIGNEE:

SMITHKLINE BEECHAM BIOLOGICALS

RUE DE I'INSTITUT 89

B-1330 RIXENSART, BELGIUM

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ISSUE DATE:

LAZENA MARTIN, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

ATTORNEY DOCKET NO. B4519/	7 00 0000	
Form PTO-1595	7 - 22 - 2002 TMENT OF COMMERCE	
	nd Trademark Office	
Commissioner of Patents. Please record the attach.	02163598	
Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Brigitte Desiree Alberte COLAU Francoise DENAMUR Isabelle KNOTT Annick POLISZCZAK Georges THIRY Vincent VANDE VELDE	SmithKline Beecham Biologicals Rue de l'Institut 89 B-1330 Rixensart Belgium Additional name(s) and addresses attached? [] yes [X] no	
Additional names of conveying party(ies) attached? [] yes [X] no		
3. Description of the interest conveyed:		
[X] Assignment, please record and return [] [] Security Agreement [] [] Other Execution date of Assignment: February		
A. Patent Application No.(s) A. Patent Application No.(s) 10/049,192, FILED FEBRUARY 6, 2002 If this document is being filed together with a	B. Patent No.(s) new application, the execution date of the application is	
5. Name and address of party to whom correspondence concerning documents should be mailed:	6. Total number of applications and patents involved <u>1</u> .	
Edward R. Gimmi GlaxoSmithKline Corporate Intellectual Property - UW2220 P.O. Box 1539 King of Prussia, PA 19406-0939	 Total Fee (37 C.F.R. 3.41) \$40.00 Please charge this fee to deposit account No. 19-2570. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to 	
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9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original accument.		
Edward R. Gimmi	June 6, 2002	
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments and document: 5		

Docket No.: B45194

Isabelle KNOTT

ASSIGNMENT

WHEREAS I/We, Brigitte Desiree Alberte COLAU, Francoise DENAMUR, Isabelle KNOTT Annick POLISZCZAK and Vincent VANDE VELDE of Rixensart, Belgium and George THIRY of New York City, US have made an invention entitled:

Vaccine
for which on February 11, 12, and 18, and March 25, 2002 We executed an application for Letters Patent of the United States of America;
NOW, THEREFORE, in return for valuable consideration paid to me/us by SmithKline Beecham Biologicals s.a. (hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged and intending to be legally bound, I/we do hereby assign unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention, said executed application, any division, continuation and continuation-in-part of said application and reissue applications, and all Letters Patents of the United States of America to be obtained therefor;
I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;
In addition I/we agree to provide ASSIGNEE upon its request with all pertinent facts and documents relating to said invention, and said Letters Patent as may be known and accessible to me/us, and to testify as to the same in any interference or litigation related thereto, and to execute further instruments (including divisional, continuation, continuation-in-part or reissue applications, affidavits or other instruments) required to apply for, obtain, maintain and enforce said application and said Letters Patent which may be necessary; this agreement to be binding upon my/our heirs, executors and administrators.
Inventor 1 Brigitte Desiree Alberte COLAU
Inventor 2 Francoise DENAMUR

Inventor 4 Annick POLISZCZAK	Date:
Inventor 5	Date:
Georges THIRY	
Inventor 6	Date: (> geo 2007
Vincent VANDE VELDE	

Docket No.: B45194

<u>ASSIGNMENT</u>

WHEREAS I/We, Brigitte Desiree Alberte COLAU, Francoise DENAMUR, Isabelle KNOTT Annick POLISZCZAK and Vincent VANDE VELDE of Rixensart, Belgium and George THIRY of New York City, US have made an invention entitled:

Vaccine

for which on February 11, 12, and 18, 2002 and March 25, 2002 We executed an application for Letters Patent of the United States of America:

NOW, THEREFORE, in return for valuable consideration paid to me/us by SmithKline Beecham Biologicals s.a. (hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged and intending to be legally bound, I/we do hereby assign unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention, said executed application, any division, continuation and continuation-in-part of said application and reissue applications, and all Letters Patents of the United States of America to be obtained therefor;

I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

In addition I/we agree to provide ASSIGNEE upon its request with all pertinent facts and documents relating to said invention, and said Letters Patent as may be known and accessible to me/us, and to testify as to the same in any interference or litigation related thereto, and to execute further instruments (including divisional, continuation, continuation-in-part or reissue applications, affidavits or other instruments) required to apply for, obtain, maintain and enforce said application and said Letters Patent which may be necessary; this agreement to be binding upon my/our heirs, executors and administrators.

	Date:
Inventor 1	
Brigitte Desiree Alberte COLAU	
	Date:
Inventor 2	
Francoise DENAMUR	
	Date:
Inventor 3	
Isabelle KNOTT	

. <u> </u>	_ Date:
Inventor 4	_ Date:
Annick POLISZCZAK	
Inventor 5 Georges THIRY	_ Date: March 25,02
	Date:
Inventor 6	
Vincent VANDE VELDE	